

# Energy for the common good of humanity



By Jeffrey D Sachs/New York

The climate crisis we now face is a reflection of a broader crisis: a global confusion of means and ends.

We continue to use fossil fuels because we can (means), not because they are good for us (ends). This confusion is why Pope Francis and Ecumenical Patriarch Bartholomew are spurring us to think deeply about what is truly good for humanity, and how to attain it.

Earlier this month, the Pope and patriarch each convened business, scientific, and academic leaders, in Rome and Athens, respectively, to hasten the transition from fossil fuels to safe renewable energy.

In most of the world today, the purposes of politics, economics, and technology have been debased.

Politics is regarded as a no-holds-barred fight for power, economics as a ruthless scramble for wealth, and technology as the magic elixir for more economic growth.

In truth, according to Francis and Bartholomew, we need

politics, economics, and technology to serve a far greater purpose than power, wealth, or economic growth. We need them to promote human well-being today and for future generations.

America may be the most confused of all.

The United States today is rich beyond imagining, with median household income and gross domestic product per capita each equal to nearly \$60,000.

The US could have it all.

Instead, what it has is widening income inequality, falling life expectancy, a rising suicide rate, and epidemics of obesity, opioid overdoses, school shootings, depressive disorders, and other grave ills.

The US incurred \$300bn in losses from climate-related disasters last year, including three massive hurricanes – the frequency and intensity of which has risen, owing to fossil-fuel dependence.

The US has vast power, wealth, and growth, and yet diminished well-being.

The US economy and politics are in the hands of corporate lobbies, including Big Oil.

Resources are relentlessly allocated to developing more oil and gas fields not because they are good for America or the world, but because the shareholders and managers of ExxonMobil, Chevron, Conoco Philipps, and others demand it.

Trump and his minions work daily to undermine global agreements and domestic regulations that have been put in place to accelerate the shift from fossil fuels to renewable energy.

Yes, we can produce more oil, coal, and gas.

But for what? Not for our safety: the hazards of global warming are already upon us.

Not because we lack alternatives: the US has ample wind, solar, hydro, and other sources of primary energy that don't cause global warming.

The US economy, alas, is an out-of-control juggernaut, chasing

oil wealth and jeopardising our very survival.

Of course the US is not alone in the mad pursuit of wealth over well-being.

The same get-rich-quick confusion of means and ends is causing Argentina, host of the G20 Summit later this year, to pursue fracking of natural gas, with all the associated climate and environmental risks, instead of tapping its bounteous potential in wind, solar, and hydro power.

The same corruption of purpose is causing the Canadian government to guarantee a new pipeline to export output from its polluting and expensive oil sands to Asia, while under-investing in Canada's vast renewable energy sources.

In his meeting with the CEOs of major oil and gas companies, Francis told them, "Our desire to ensure energy for all must not lead to the undesired effect of a spiral of extreme climate changes due to a catastrophic rise in global temperatures, harsher environments, and increased levels of poverty." He noted that the oil companies are engaged in "the continued search for new fossil fuel reserves, whereas the Paris Agreement clearly urged keeping most fossil fuels underground." And he reminded the executives that, "Civilisation requires energy, but energy use must not destroy civilisation!"

Francis underscored the moral dimension of the problem:

"The transition to accessible and clean energy is a duty that we owe toward millions of our brothers and sisters around the world, poorer countries and generations yet to come.

Decisive progress on this path cannot be made without an increased awareness that all of us are part of one human family, united by bonds of fraternity and solidarity.

Only by thinking and acting with constant concern for this underlying unity that overrides all differences, only by cultivating a sense of universal intergenerational solidarity, can we set out really and resolutely on the road ahead."

As Francis was meeting the CEOs in Rome last week, Bartholomew was similarly convening leaders of scientific institutions, UN agencies, and major faiths in Athens and the Peloponnese, to

chart a path to environmental safety.

Bartholomew also underscored the fundamental moral concern. "The identity of every society and measure of every culture are not judged by the degree of technological development, economic growth or public infrastructure," he said. "Our civil life and civilisation are defined and judged primarily by our respect for the dignity of humanity and integrity of nature."

The 300mn faithful of the Eastern churches led by the Ecumenical Patriarch are in lands facing extreme dangers from global warming: intense heat waves, rising sea levels, and increasingly severe droughts.

The Mediterranean region is already beset by environmental distress and forced migration from conflict zones.

Unchecked climate change – which has already contributed to conflict – would spell disaster for the region.

Bartholomew's conference opened at the Acropolis, the very heart of ancient Athens, where 2,300 years ago Aristotle defined ethics and politics as the quest for well-being.

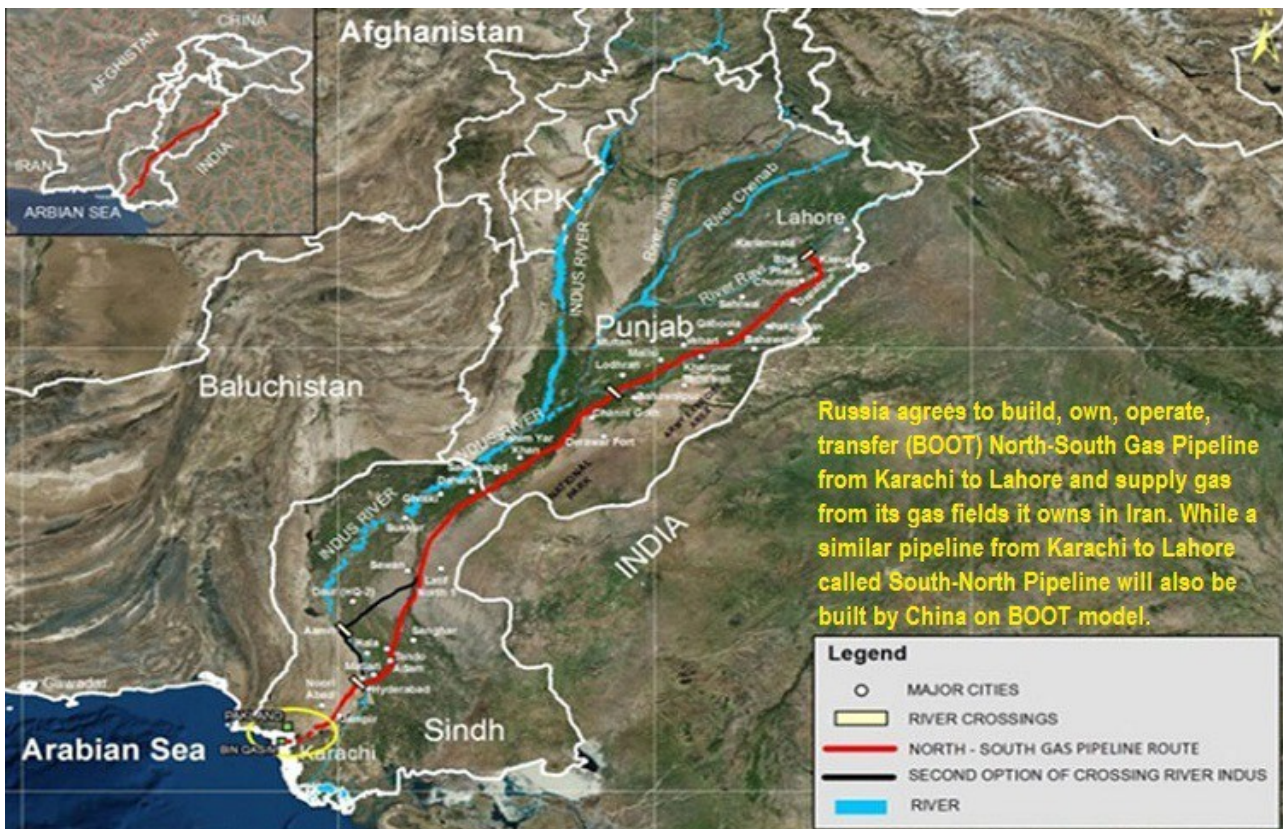
The political community, wrote Aristotle, should aim "at the highest good," to be achieved by cultivating the virtues of the citizenry.

Aristotle famously contrasted two types of knowledge: *techne* (technical know-how) and *phronesis* (practical wisdom). Scientists and engineers have given us the technical knowledge to move rapidly from fossil fuels to zero-carbon energy.

Francis and Bartholomew urge us to find the *phronesis*, the practical wisdom, to redirect our politics and economies toward the common good. – Project Syndicate

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# Pakistan, Russia set to sign \$10bn offshore gas pipeline deal



ISLAMABAD: In a major breakthrough, Pakistan and Russia are poised to sign a \$10-billion offshore gas pipeline deal, a project planned by the latter to capture the energy market of Pakistan.

Sources told a local newspaper that the cabinet had approved

the signing of the gas pipeline laying deal and Pakistan ambassador to Russia had been authorised to ink a memorandum of understanding with Moscow.

The envoy is likely to ink the understanding in Moscow on Monday. Final cost of the project will be assessed following a feasibility study to be conducted by Russian energy giant Gazprom.

Russia has nominated Public Joint Stock Company Gazprom for implementation of the project. Pakistan's cabinet has also permitted the company to conduct the feasibility study at its own cost and risk.

Inter State Gas Systems (ISGS) – a state-owned company of Pakistan established to handle gas import projects and is already working on gas pipeline schemes like Tapi, has been nominated by Pakistan to execute the offshore pipeline project along with Gazprom.

ISGS is also working on the \$10-billion Turkmenistan, Afghanistan, Pakistan and India (Tapi) gas pipeline to connect South and Central Asia and construction work on the scheme in Pakistan will start in March next year.

These projects are called a game changer for Pakistan as they will not only lead to regional connectivity, but will also meet growing energy needs of the country.

Amid a long-running tussle with Europe and the United States over the annexation of Ukrainian region of Crimea, Russia is looking for alternative markets and wants to capitalise on the growing energy demand in South Asia.

Russia, which controls and manages huge gas reserves in energy-rich Iran, plans to export gas by laying an offshore pipeline through Gwadar Port to Pakistan and India, which are seen as alternative markets because Moscow fears it may lose energy consumers in Europe over the Crimea stand-off.



Russia has been a big gas exporter to European Union (EU) countries and Turkey since long and despite US anger the European bloc has continued to make imports to meet its energy needs.

Moscow receives gas from Turkmenistan and then exports it to EU states. Later, it has got gas deposits in Iran as well and is looking to gain a foothold in markets of Pakistan and India.

Pakistan has been experiencing gas shortages, particularly in winter, for the past many years as domestic production has stood static with new additions being offset by depleting old deposits.

In a bid to tackle the crisis, the previous government of Pakistan Muslim League-Nawaz (PML-N) kicked off liquefied natural gas (LNG) imports from Qatar under a 15-year agreement two and a half years ago and is bringing supplies through other sources as well.

According to a government official, after signing the MoU for the offshore pipeline, work on the feasibility study will begin in an attempt to assess viability of the project. Russia is even ready to finance the study. Russian gas exports touched an all-time high in 2017.

According to Gazprom, gas flows to Europe and Turkey, excluding ex-Soviet states, hit a new daily record at 621.8 million cubic metres.

Annual exports touched 179.3 billion cubic metres (bcm) in 2016, a significant jump from the previous high of 161.5 bcm in 2013 and well above the 2015 total of 158.6 bcm.

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# Mohammed bin Salman is the worst enemy of his 'Vision 2030' plan



Iyad el-Baghdadi is president of the Kawaakibi Foundation, a nonprofit organization focused on the future of liberty in the Muslim world.

It's been two years since Saudi Arabia's Crown Prince Mohammed bin Salman announced a national transformation project to structurally overhaul the Saudi state. His "Vision 2030" reform program aims to change the kingdom into a "normal country," with a post-oil economy and a post-Wahhabi Islam.

Economic reform is the driver behind Vision 2030 – the International Monetary Fund has warned that Saudi Arabia will run out of cash without serious structural reform – but other reforms are no less important. Increasing labor participation by women, for example, requires lifting such restrictions as



the driving ban (which is set to end on June 24).

Perhaps the most head-turning change is the transition away from Wahhabism, the arch-conservative version of Islam that had long been allied with the Saudi state. The government has recently stopped all funding to Wahhabi institutions outside Saudi Arabia and severely curtailed the powers of the religious police. Curbing the Wahhabis is great news for everyone. They are extremist, regressive, sectarian, and had received Saudi state support to spread their ideology across the globe, often to destructive effect.

The rest of the international community has a direct stake in the success of Saudi Arabia's reform effort. Should Vision 2030 fail, we'll be facing an explosion of instability at the very heart of the Arab and Muslim world. Unfortunately, the 32-year-old in charge of Vision 2030 – Mohammed bin Salman himself – has become a threat to his own project.

Vision 2030 represents, at its core, a new Saudi social contract. But the way the crown prince is rewriting this contract should give us pause.

The Saudi system of governance prior to his rise could be described as a consultative authoritarianism. The king would seek and receive advice from senior members of the royal family, as well as trusted court advisers. In a series of drastic steps, including the roundup of rival princes, the crown prince has effectively dismantled the old structure. Saudi Arabia is now the absolute monarchy that it wasn't under King Abdullah, King Fahd or any of their predecessors.

Some have argued that serious reform would be impossible without a consolidation of power. But the crown prince's efforts have gone from the decisive to the destabilizing. His recent shakedown of leading business figures had nothing to do with the rule of law and may have spooked investors. Recent figures show that foreign direct investment hit a 14-year low

in Saudi Arabia last year (compared to an 8 percent rise in the neighboring United Arab Emirates).

In any case, the crown prince should have done away with the old system by allowing citizens space to have a say in the new Saudi Arabia that he is envisioning for them – allowing them to co-sign their new social contract. He is doing precisely the opposite.

Among those arrested so far is Essam Al Zamel, a young economist who ran the figures on Vision 2030 and offered criticisms and suggestions for improving it. Recent reports indicate he is being set up for serious charges that would justify long-term imprisonment.

He has also arrested moderate religious figures, including the young intellectual Abdullah Al Maliki, and ex-Wahhabi Muslim reformer Hassan Farhan Al Maliki. These figures could be effective advocates for religious reform, but instead they are facing charges that could put them away for a long time, alienating their support base.

Most recently, the crown prince has arrested Saudi Arabia's leading women's rights activists – including Loujain Al Hathloul, Eman Al Nafjan, and Aziza Al Yousuf – charging them with treason. These women have a long history of advocating for social reforms. But the government has treated them like threats instead of potential allies.

In short, the crown prince is promising economic reform while imprisoning economic reformers; he's promising religious reform while imprisoning religious reformers; he's promising social reform while imprisoning leading feminists. As he silences the once dynamic Saudi public sphere, note how these voices are being replaced: thousands of bots are flooding Saudi social media, many with pictures of the crown prince, cheering his every move.

The decision-making of the world's largest oil exporter is now

in the hand of a small number of individuals with no consultative process in place, and with dissenters immediately jailed.

Many of the crown prince's big moves have deteriorated into protracted wars of attrition, such as the war in Yemen or the feud with Qatar. His mass arrest of the leading women's rights activists is another potential quagmire.

Not only does it quite rightly tarnish his image among the global women's rights community (in the age of #MeToo, no less), but it also threatens his economic reform agenda, considering that the crown prince's ordered the detentions after a high-profile visit to the United States in which he met leading celebrities and business leaders. A war of attrition with the global women's rights movement is not one that he is likely to win, despite his huge PR budget.

The crown prince should release the women's rights activists, drop all charges against them, and allow them to continue their careers freely. That would be the best way to reassure the world that the reforms are real and remain on track.

For the sake of global stability, Saudi reforms need to be saved from Mohammed bin Salman's absolutism and heavy-handedness. History shows that governments with no tolerance for dissent usually end up creating disasters.

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**Le Qatar subit sans broncher  
un an d'embargo saoudien**

Les Echos.fr



## L'émirat gazier s'accommode sans trop de dégâts du quasi-blocus imposé il y a un an par ses voisins arabes.

Le Qatar tient le choc. Il a « fêté » ce mardi un an d'embargo terrestre, aérien et maritime imposé par l'Arabie saoudite et ses alliés. « Même pas peur » semble être le cri de ralliement des 2,6 millions de résidents (dont seulement un dixième de Qataris) de l'émirat à qui le gaz confère les revenus par habitant les plus élevés de la planète. Le ministre qatari des Affaires étrangères, **Sheikh Mohammed ben Abderrahmane al Thani**, a même joué la provocation envers Riyad en affirmant mardi que son pays « *se trouvait renforcé* » par l'embargo.

Quand l'Arabie saoudite, les Emirats arabes unis, Bahrein et l'Egypte ont, le 5 juin 2017, soudainement coupé toute relation économique et diplomatique avec Doha, avec expulsion de ses ressortissants et fermetures de comptes bancaires à la clé, ce fut un choc.

**« D'un seul coup, plus d'importations d'oeufs, de lait, de légumes et même d'insuline », se rappelle l'homme d'affaires Roudi Baroudi, « mais nous avons fait preuve de résilience et de cohésion nationale. Et aucun investisseur n'a plié bagage ».**



Le Qatar, qui a refusé le plan de reddition géopolitique en 13

points exigé par ses voisins (fermeture de sa télévision Al Jazeera, suspension de son soutien aux Frères musulmans, distanciation d'avec l'Iran, etc.), a trouvé des fournisseurs de substitution : la Turquie, l'Iran, les pays européens, le Maroc, l'Inde, la Chine, Oman (qui réexporte en fait des produits émiratis). *« Cela leur a permis de découvrir que les Saoudiens leur surfacturaient souvent et ils y ont donc gagné au change pour certains produits »*, estime un connaisseur de la région.

## **Un plan de bataille**

Doha a relevé à 49 %, contre 25 %, le plafond des participations étrangères dans toute entreprise locale et lancé, à grand renfort de subventions, un programme de soutien à l'industrie nationale, alors que jusqu'alors la totalité des biens de consommation était importée. C'est ainsi que 3.400 vaches ont été acheminées d'Australie... par avion (le seul accès terrestre est fermé via l'Arabie saoudite) et que Doha a installé en urgence la plus vaste plate-forme de traite du Proche Orient. Ont été mises en place une dizaine de routes commerciales nouvelles, par avion ou via Port Hamad.

Si ces mesures ont permis d'éviter pénuries et flambée inflationniste, le choc a été rude pour Qatar Airways, qui a dû suspendre 19 destinations et perdu un quart de son trafic passager, ainsi que pour le secteur touristique, avec une chute du nombre d'entrées de 25 % l'an dernier.

## **Un impact transitoire selon le FMI**

Une facture alourdie par une fuite des capitaux évaluée à 40 milliards de dollars en quelques mois. Mais la Banque centrale et le fonds souverain, le Qatar Investment Authority, fort de 340 milliards d'actifs, ont injecté des liquidités d'un montant équivalent, à parité. Au total, la croissance économique a à peine faibli en 2017 et le déficit budgétaire n'a pas dépassé 1,6 % l'an dernier, a souligné le FMI dans un



rapport en mars, qui estimait que l'impact de l'embargo était « *transitoire* ». L'indice de la Bourse de Doha a dévissé de 18 % en 2017, pire performance mondiale, mais a depuis regagné dix points.

La résilience du Qatar doit aussi beaucoup à sa stratégie d'influence et d'assurance via ses relations (assorties d'achats d'armes) avec notamment Paris, Londres et Washington, qui maintient une base de 11.000 soldats sur place.

Yves Bourdillon

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## **Qatar maintains global LNG lead**



One of the key targets of the siege countries was Qatar's vibrant and resource-rich hydrocarbons industry. The economic blockade was basically aimed at interrupting Qatar's export of

oil, gas and petrochemicals in all ways possible.

Qatar Petroleum (QP) and its group companies immediately managed to absorb the initial impact of those measures, and were able to continue operating and export normally without any disruption across all its oil and gas facilities.

Qatar's announcement of its offshore North Field expansion has been well-received by the global energy industry, whose major players see great opportunities in partnering with QP on the largest single non-associated gas field in the world.

Qatar's plan is to develop an export-oriented gas project in the North Field. Qatargas has been entrusted with executing this mega-project on behalf of QP.

The expansion of Qatar's LNG production from the North Field is an important landmark in QP's strategic growth plan and objectives of becoming one of the best national oil and gas companies in the world.

QP has already selected Japan's Chiyoda Corp to execute the Front End Engineering and Design (FEED) of the onshore facilities of the North Field expansion project.

The facilities will produce an additional 23mn tonnes per year (tpy) of liquefied natural gas (LNG), which will raise Qatar's production from 77mn tpy to 100mn tpy.

QP president and CEO Saad Sherida al-Kaabi said earlier that "the expansion of Qatar's LNG production from the North Field is an important landmark in Qatar Petroleum's strategic growth plan and objectives of becoming one of the best national oil & gas companies in the world.

"We are continuing discussions with potential international joint venture partners for this strategic project to determine an optimised arrangement with the objective of delivering maximum value to the State of Qatar and contribute to the optimal utilisation of Qatar's natural resources."

Another major project announced by QP recently was the development and operation of a new world scale petrochemicals complex at the Ras Laffan Industrial City.

The petrochemicals complex will include an ethane cracker with

a capacity of more than 1.6mn tpy of ethylene, making it the “largest ethane cracker” in the Middle East, and one of the largest in the world.

The petrochemicals complex will also include world-class derivative plants, which will consolidate Qatar’s position among the leading petrochemicals producers in the world markets.

The engineering design of the petrochemicals complex should commence shortly, leading to a planned start-up in 2025.

QP has invited a group of leading international companies, with extensive experiences in the petrochemicals industry, to submit proposals for partnering with it in the development and operation of the new world scale petrochemicals complex.

The feedstock for the petrochemical complex will be ethane produced primarily from the new North Field LNG expansion project that will produce an additional 23mn tpy of LNG, as well as from existing gas projects producing ethane.

On the project, Qatar Petroleum President and CEO Saad Sherida al-Kaabi said, “This development is a first step towards the launch of a new world scale Petrochemicals Complex at Ras Laffan, marking another important milestone for Qatar Petroleum.”

Al-Kaabi added: “Petrochemicals represent a major pillar of our growth strategy to achieve our vision of becoming one of the best national oil companies in the world. This project will complement our efforts to implement our strategy, and will enable Qatar Petroleum to further expand its footprint in the global petrochemicals markets.”

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## **Qatar open to meet India’s**

# growing LNG demand: CEO of QP



## The Peninsula

DOHA: Qatar, the world's largest exporter of liquefied natural gas (LNG), is open to supply more gas to India to meet the country's fast growing requirements for clean energy.

India, one of the major importers of Qatari gas, is giving more focus on the use of natural gas (reducing the use of coal, diesel and petrol) to transform into a gas-based economy. "India is a very important country for us, especially with regard to our growing LNG production, and India's rising demand for energy. We are always open to enhance cooperation to meet its energy requirements," Eng Saad Sherida Al Kaabi, President and CEO of Qatar Petroleum (QP) said in response to a question from The Peninsula.

Al Kaabi added: "Currently we are supplying over 8 million tonnes of our LNG to India every year under long-term agreements. We intend to supply more. A few months ago I visited India and have had meetings with top officials of all

the important Indian companies that are buying LNG. We have had discussions on these issues, and we are looking forward to increase the level of cooperation to satisfy India's growing LNG demand." He reiterated that he is always open to have discussions and supply more LNG to India. "We have good relationships with Indian companies. India is a strategic business partner of QP. Indian energy companies are good reliant customers, and we hope to grow that business because that's very important for us," said Al Kaabi.

India with a population of over 1.3 billion people, which is also the Asia's third largest economy, is investing heavily on developing needful infrastructure to boost the consumption of gas. It has set an ambitious target of enhancing the share of gas to 15 percent of its primary energy basket within next few years, which is currently 6.5 percent. The energy-hungry economy, which is currently the third largest consumer of oil and gas, is also working to develop a gas trading exchange to create new market, aiming to boost domestic consumption of gas as well as re-exporting it to neighbouring countries.

Al Kaabi said that during his visit he also met with India's Minister of Petroleum & Natural Gas and Skill Development & Entrepreneurship, Dharmendra Debendra Pradhan, and had fruitful discussions to boost energy cooperation between the two friendly countries.

Pradhan, a big supporter of gas and other forms of clean energy, reaffirmed his commitment to boost India's gas consumption in a recent TV interview. "Today India's re-gasification capacity is about 26 million tonnes per annum (mtpa), which is adding another 30mtpa of re-gasification facility in the eastern coast of the country. This is the biggest jump of re-gasification capacity ever," said the Minister in a TV interview.

Pradhan added that currently about 150 districts of the

country are linked with piped gas supply, and by the end of 2019, India will have another 200 districts connected with piped gas, taking the total to 350 districts, covering more than half of the country of 1.3 billion people.

India is revamping its several key industries, including fertiliser, steel, and other industries to transforming them into gas-fuelled facilities.

In addition, the country also has plans to use gas as primary fuel for its huge transport sector, including the maritime and inland transport. "We are very focused to use more LNG, PNG (piped natural gas) and CNG (compressed natural gas). I am confident that India (in terms of gas consumption) will achieve more than the world average of 24 percent of gas in the global energy-mix. In the state of Gujarat we already have achieved 26 percent, which we want to replicate across the country," the Minister said.

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**Jordan senate meets as protests over IMF-backed austerity continue**





AFP AMMAN: Jordan's senate met yesterday for a special session after another night of protests across the country against IMF-backed austerity measures including a draft income tax law and price hikes.

Some 3,000 people faced down a heavy security presence to gather near the prime minister's office in Amman until the early hours of last morning, waving Jordanian flags and signs reading "we will not kneel".

Protests have gripped the country since Wednesday, when hundreds responding to a call by trade unions, flooded the streets of Amman and other cities to demand the fall of the government. Last month, the government proposed a new income tax law, yet to be approved by parliament, aimed at raising taxes on employees by at least five percent and on companies by between 20 and 40 percent. The measures are the latest in a series of economic reforms since Amman secured a \$723m three-year credit line from the International Monetary Fund in 2016.

The senate convened hours after protests ended yesterday to discuss "ways of dealing with draft law... in the interest of all parties", Jordan's official Petra news agency said. Senate speaker Faisal Al Fayez said there was a need for

“comprehensive national dialogue” on the law, echoing an earlier call by King Abdullah II.

Fayez said the government should “balance economic challenges and pressures with the interests of different social sectors”, but cautioned against violence and called on authorities to bring “troublemakers” to justice. Since January, Jordan – which suffers from high unemployment and has few natural resources – has seen repeated price rises including on staples such as bread, as well as extra taxes on basic goods. The price of fuel has risen on five occasions since the beginning of the year, while electricity bills have shot up 55 percent since February.

The IMF-backed measures have sparked some of the biggest economic protests in five years. Overnight, protesters outside Prime Minister Hani Mulki’s office shouted slogans including “the ones raising prices want to burn the country” and “this Jordan is our Jordan, Mulki should leave”. Demonstrators tussled with security forces and some fainted, but others smoked water pipes and one sat on the pavement and played the Arabian lute, or oud.

In another part of the city, security forces used tear gas to prevent hundreds of demonstrators from joining the rally near Mulki’s office, Jordanian news websites reported. “Women have started looking in rubbish bins to find food for their children, and every day we’re hit by price hikes and new taxes,” said one protester.

Bank employee Mohammad Shalabiya, 28, said demonstrators wanted “to tell the government that the citizen’s income isn’t suitable for this kind of law and that we have a right to demonstrate”. Lina Rsheidat, 35, a housewife with a red keffiyeh scarf around her neck, said the proposed law was “unjust” and would “harm the Jordanian people”.

According to official estimates, 18.5 percent of the population is unemployed, while 20 percent are on the brink of poverty. The Economist Intelligence Unit earlier this year ranked Jordan’s capital as one of the most expensive in the

Arab world. “The popular movement... has surprised the government,” Adel Mahmoud, a Jordanian political analyst, said. Discontent could “snowball... triggering a domestic crisis”, he said, adding that he expected protests to continue until demands are met.

Jordan, a key US ally, has largely avoided the unrest witnessed by other countries in the region since the Arab Spring revolts broke out in 2011, although protests did flare late that year after the government cut fuel subsidies.

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## **QP acquires 30% stake in 2 ExxonMobil affiliates**



Qatar Petroleum (QP) has signed an agreement with ExxonMobil to become a 30% equity holder in two ExxonMobil affiliates in Argentina that hold different interests in hydrocarbon licences for seven blocks in the world-class Vaca Muerta play in the onshore Neuquén basin.

QP president and CEO Saad Sherida al-Kaabi and ExxonMobil Corporation senior vice president and principal financial officer Andrew P Swiger signed agreements on Sunday in Doha.

The agreements will give QP a 30% shareholding in ExxonMobil Exploration Argentina SRL and Mobil Argentina SA, which hold rights with other partners for seven blocks under unconventional exploration licenses with active drilling plans, as well as exploitation licences with pilot drilling and production.

Al-Kaabi said: "We are pleased to enter into an agreement with our longtime partner ExxonMobil, and to participate in the further development of the Vaca Muerta unconventional resource in Argentina.

"This is an important milestone as it marks Qatar Petroleum's first investment in Argentina, as well as its first significant international investment in unconventional oil and gas resources. We look forward to working with ExxonMobil to leverage our combined world-class capabilities to unlock the potential of these assets for the benefit of all stakeholders."

Swiger said the agreement builds on ExxonMobil's "longstanding and successful" partnership with QP, "and underscores our commitment to develop Argentina's resources to further support domestic production of oil and natural gas."

The Vaca Muerta shale in the Neuquén province in western Argentina is considered among the most prospective unconventional shale oil/gas plays outside North America. Activity in the basin has picked up recently, mainly due to governmental incentives and rising domestic energy demand. A number of international operators have established presence in the basin and announced ambitious investment plans.

ExxonMobil's wholly-owned subsidiary, XTO Energy, which is among the world leaders in unconventional oil and gas

operations, is providing operational support to the two ExxonMobil affiliates concerned in Argentina, including developing detailed appraisal and development plans for these assets based on recently-drilled wells and pilot production testing.

In addition, the implementation of leading technologies will be a priority for the partners in order to maximise the value to all stakeholders, while preserving the highest safety standards and reducing operating costs. Page 2

### **QP eyes oil production growth in next 10 years**

Qatar Petroleum is planning to expand its production capacity from its current 4.8mn barrels per day equivalent of oil to 6.5mbpd in the next eight to 10 years, said president and CEO Saad Sherida al-Kaabi.

Al-Kaabi, who made the announcement during a signing ceremony with ExxonMobil in Doha yesterday, said the planned growth in production capacity is part of QP's long-term strategy.

Similarly, al-Kaabi said the agreement signed between QP and ExxonMobil yesterday "is an important milestone on the road to expanding our international footprint, which is an important part of Qatar Petroleum's growth strategy."

He added: "It goes hand-in-hand with the planned expansion of our local production from the North Field, which will further boost Qatar's leading global position by raising its LNG production from 77mn to 100mn tonnes per year; and with the recently announced Petrochemicals Complex project, which includes the largest ethane cracker in the Middle East, and one of the largest in the world."

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# Pope Francis to discuss climate change with oil company CEOs



Bloomberg/London/Rome

Oil company bosses will travel to the Vatican this week to discuss climate change with Pope Francis.

The meeting will be on June 8 and June 9 at the Casina Pio IV villa in the Vatican, with an audience with the Pope on the second day, according to a spokesman. It is being organized by a department headed by Cardinal Peter Turkson, who helped write Pope Francis' 2015 encyclical on climate.

"We look forward to the dialogue, and the opportunity to



discuss how we can address climate change and opportunities in the energy transition,” a spokesman for Equinor ASA, Norway’s largest oil company, said in an e-mailed statement on Friday. BP chief executive officer Bob Dudley will also travel to Rome for the meeting arranged by the University of Notre Dame, according to people familiar with the talks. The Pope has made climate change a cornerstone of his papacy, saying in an encyclical letter that the science around the topic is clear and that the Catholic Church should view it as a moral issue. A spokeswoman for BP declined to comment. Exxon Mobil Corp and Eni SpA will also participate in the meeting, according to reports from Axios and Reuters. A spokesman for Royal Dutch Shell declined to comment on whether its CEO would be involved. The University of Notre Dame didn’t respond to requests for comment.

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**Trial by fire: A year into the siege, Qatar’s economy has proved its tenacity**



Roudi Baroudi

It has been a year since the Kingdom of Saudi Arabia and a few

other regional countries launched an attempt to subjugate Qatar by strangling the latter's economy with an illegal air, land, and sea blockade. They have failed, and spectacularly so.

The effort – based largely on unsubstantiated accusations of Qatari support for terrorism but actually rooted in Saudi ambitions – has forced Qatar to spend more than it had budgeted, but money is one thing that the world's largest exporter of LNG has no trouble obtaining. After a brief period of uncertainty, therefore, economic activities returned to their usual heady pace, and business is booming in most key sectors.

There were initial concerns about shortages of some food products and other imports, for instance, but prompt government action and the responses of certain friendly countries (most prominently Turkey) have emphatically quashed both short and medium-term fears. In addition, the experience has prompted Qatar to implement long-term food security plans that will blunt any future attempts at external blackmail. Some were worried, too, that what has become the longest air blockade since World War II would wreak havoc on the transport sector.

Qatar Airways, a widely recognised symbol of Qatar's emergence as a genuine player on the international stage, was indeed inconvenienced by losing access to the airspace over KSA, the United Arab Emirates, Egypt, and Bahrain. While the flag carrier has been forced to take longer routes and use more fuel, however, it has only redoubled its resolve to keep Qatar connected with the rest of the world.

The airline was proud to carry the first emergency supplies into the country following the imposition of the blockade, and it has added (or announced plans to add) some two dozen new destinations over the past year. In the process, Qatar Airways also picked up no less than 50 individual awards in 2017,

including “World’s Best Business Class” and “Best Airline in the Middle East”. In fact the primary victims of the Saudi-led campaign have been innocent citizens of Qatar and the very countries trying to isolate it: Some 16,000 GCC families with one or more dual-national members have been cruelly torn apart by the blockade, including thousands of children separated from at least one parent. If anything, the experience has only strengthened compassion and solidarity in Qatari society, with nationals and foreign residents alike offering mutual support to bolster resilience in the face of the embargo. Never has there been stronger collective resolve to defend Qatar’s freedom and independence.

Both the resilience and the resolve have been bolstered by the performance of the marine transport industry. The siege has not only sharply curtailed Qatar’s shipping and trans-shipping options (leaving Oman and Kuwait as its only GCC outlets), but also closed its only land border (with KSA), completely eliminating overland trade. Once again, this has imposed a few new costs and prompted a few added concerns, but Qatar’s ports are reaping the rewards: the numbers of both inbound and outbound cargo shipments have risen dramatically, spinning up business for everything from modern bulk and container terminals to small local harbors and the ancillary enterprises that serve them.

In the all-important energy sector, initial concerns about possible supply disruptions have been successfully addressed, with Qatar once again leading the world in LNG exports. In addition, Qatar Petroleum has announced plans to increase LNG production from 77 million tons per annum to 100 million MTPA, which should guarantee its No. 1 exporter status for another 20–25 years. Alongside the LNG expansion, Qatar also is scaling up its already world-class petrochemical industry, with QP recently announcing plans to build a massive new complex at Ras Laffan. The company is seeking qualified partners for the enormous project, which is centred on what

will be the largest ethane cracker in the Middle East, and one of the largest anywhere, plus several derivatives plants, consolidating Qatar's position as a major player in global petchem markets.

Moreover, the entire episode has only underlined the stabilising role that Qatar has long played in the dynamics of global energy security by, inter alia, continuing to stress dialogue and diplomacy as the best means of boosting market stability, thereby protecting the interests of producers and consumers alike. Faced with serious obstacles thrown up by the blockade, Qatar's energy sector moved quickly and decisively to ensure that its obligations would be met, and this despite conditions meeting the definition of force majeure.

It fine-tuned the tasking and disposition of its LNG carrier fleet, making even more efficient use of these assets to ensure timely deliveries to TransAtlantic, Trans-Pacific, Mediterranean, and Indian Ocean clients. It expanded and deepened cooperation with buyers and sellers to better coordinate supply with demand, further burnishing its credentials as a reliable partner. As a consequence, Qatar reaffirmed its unmatched ability to protect security of supply at any point in time, improving both security and competitiveness in world markets.

Qatar was likewise successful in demonstrating that it remains a highly attractive place to do business. Since the unlawful siege began, the government has continued to secure new foreign direct investment from some of the world's most important oil and gas companies, including ExxonMobil, Shell, and TOTAL. Over the same period, more than 120 entities received licensing from the Qatar Financial Center, a massive increase on the previous 12-month period for the QFC platform, which confers significant benefits on registered companies, including legal and financial environments based on English common law.

Going forward, all available data suggest that the leadership's response to the crisis, and Qatar's world-class financial and economic credentials, have enabled business activity to remain as robust as ever. In fact, senior officials expect growth of about 3% for 2018, meaning that in spite of the blockade, Qatar's economy will out-perform those of most neighboring countries. In addition to all of these economic and financial successes, Qatar also has used the past year to achieve significant advances in social policy.

Nowhere was this more prominent than in the area of progressive new labor legislation, particularly as regards expatriate workers. New laws passed in 2017 give such workers several new protections, including guarantees for regular payment of wages into local bank accounts, development of mechanisms to resolve labor disputes, and the establishment of a new committee to counter human trafficking. On the geopolitical level, the entire episode has only increased Qatar's soft power by attracting the sympathy of governments and people around the world, the great majority of whom know a manufactured crisis when they see one.

On the other hand, the failed Saudi-led attempt to isolate Qatar has managed to both exacerbate existing tensions within the GCC and to generate new ones. It also has divided much of the Arab and Islamic worlds, forced smaller countries to make impossible choices, and exposed the extent to which some governments use their financial resources to bribe or coerce those of less affluent societies. The crisis even briefly divided the top echelons of the Trump Administration in its early days. Since then, Washington has been consistent in advocating a peaceful resolution of the dispute: President Trump has offered to mediate, and then-CIA Director Mike Pompeo (now secretary of state) visited Saudi Arabia in April to warn that "Enough is enough."

Washington also has reaffirmed its security commitments to Doha on other levels, including the continuation of its large

presence at Qatar's massive Al-Udeid Air Base. The facility, which hosts the headquarters of the Pentagon's Central Command and more than 10,000 US and allied troops, is far and away the most important staging point for coalition air operations against terror groups across the entire region, from Syria and Iraq to Yemen and Afghanistan. In addition, the US government has approved the sale of up to 72 F-15 fighter-bombers for the Qatar Emiri Air Force. Other major powers also have lined up to help Qatar maintain its independence and, if necessary, defend its borders.

Britain, for instance, has agreed to sell Qatar at least two dozen of its multi-role Eurofighter Typhoons; France has committed to providing at least 36 of its Rafale fighters, plus almost 500 of its latest VBCI armored vehicles; and Turkey has accelerated the deployment of its troops and equipment to its own recently activated base near Doha. Several countries have continued to plan and hold joint military exercises with Qatar, and Russia has agreed to cooperation in military supplies and air defense, possibly including sales of its highly touted S-400 system.

Given these and other manifestations of support, the position of the broader international community – i.e. those not susceptible to either largesse or intimidation – is not in doubt, which means that the longer the blockading countries and their followers try to bully Qatar, the more isolated they become. By contrast, the crisis has revealed the Qatari state to have ample planning and policymaking resources. This has allowed the leadership to carry out a comprehensive response to the unlawful siege, including emergency measures to dilute the initial shock of the blockade, the fostering of greater competition in the marketplace, improved energy efficiency, and a highly ambitious program of economic self-sufficiency – all underpinned by enormously successful diplomatic and public relations campaigns.

Overall, the outlook is very positive, which is far better



than anyone might have expected and indicates that Qatar will continue to play the roles for which it has become known on the world stage: championing the cause of stable, free-flowing, and competitive energy supplies; running an open, dynamic economy; providing cleaner fuels for customers around the world; developing massive new LNG capacity for global clients that will catalyse and stabilise global energy markets for years to come; advocating (and even mediating) dialogue over conflict; and exerting a moderating influence on an often volatile region.

Qatar is committed to Global Energy Partnership. All this helps to explain why Doha has refrained, on almost every level, from retaliating for the blockade by taking its own punitive measures. Solid energy policies have allowed Qatar to master the politics of LNG production and supply, and its gas sector has continued to honored all of its worldwide commitments, including those to buyers in the blockading countries. The latter are only shooting themselves in the foot by continuing their efforts to ostracise Qatar, and Doha works to maintain channels of communication so that if and when a change of heart is forthcoming, there are no obstacles to a reconciliation among brothers.

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